

**In the Abstract**

After the claims, please insert the following Abstract on a separate page:

**ABSTRACT**

A method of manufacturing a cooling plate includes providing a metallic plate body with a front face, a rear face and at least one channel extending through the metallic plate body beneath the front face; inserting with radial clearance a metallic tube into the channel so that both tube ends protrude out of the channel; and achieving a press fit of the tube within the channel by shrinking the section of the channel by the action of a metal-forming process applied to the plate body.